

IN THE SPECIFICATION:

Page 7, lines 22-30:

The preform itself is produced according to the Tailored-Fiber-Placement technology (TOP TFP technology). For this purpose, fibers are stitched onto a base material such as a semifinished textile product or film, the fibers to be stitched together consisting of or containing reinforcing fibers to the desired extent. Roving strands or fiber bands of natural, glass, aramide, carbon or ceramic fibers, to name only a few by way of example, are used as reinforcing fibers. To ensure that the fiber composite body produced from one or more preforms has a stressable phase orientation, the fibers or fiber strands which are stitched together to form the preform can have the desired orientation.

Page 8, lines 15-25:

Thus, in a TOP TFP preform 10 according to FIG. 1, it is provided that reinforcing fibers extend radially (fibers 12), involutely (fibers 14) or tangentially (fibers 16), the basic structure of the TOP TFP preform 10 being formed by fibers 16 extending in a spiral or circular manner. It is also possible that involutely extending fibers cross one another (area 20) in order to vary the fiber volume content or layer thickness over the TOP preform 10 to the desired extent, as a result of which the desired stress-oriented design of the TOP TFP preform 10 is ensured.

Centrifugal forces can be absorbed by means of the radially extending fibers 12 and frictional forces by means of the tangentially extending fibers 16 18. The involutely extending fibers 14, 20 are aligned to both the centrifugal forces and frictional forces.

Page 12, lines 6-14:

In FIGS. 4 and 5, an outer preform 60 is connected, in particular, stitched, to an inner preform 42 62 via webs 64,

66 to produce an internally ventilated brake disk. The structure of each preform 60, 62 corresponds, as mentioned, to the preform 48, with the restriction that the lower preform 62, i.e. the one which is formed from the lower friction layer of the brake disk, has a thickening 68 extending on the inside at which the fibers are placed so as to cross one another at an angle of about 45°. In this inner peripheral area, which is formed by the thickening 68, the respective web 64, 66 has a corresponding opening 70 so that it lies on the lower preform 62 in a form-locking manner.

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